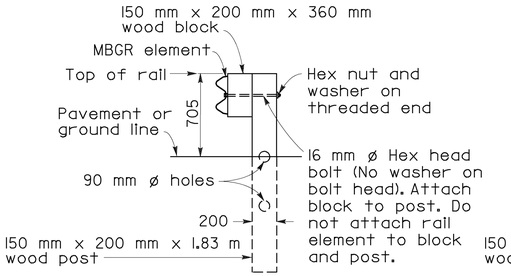
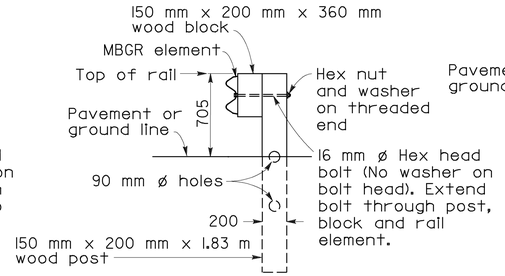
TABLE A

POST OFFSET DIMENSIONS		
Post No.	915 mm System End Offset	1070 mm System End Offset
1	915 mm	1070 mm
2	565 mm	705 mm
3	300 mm	420 mm
4	170 mm	270 mm
5	75 mm	150 mm
6	20 mm	70 mm
7	0 mm	20 mm
8	0 mm	0 mm
9	0 mm	0 mm

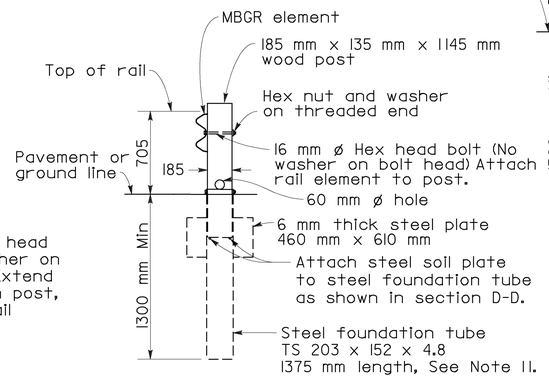
See Note 12



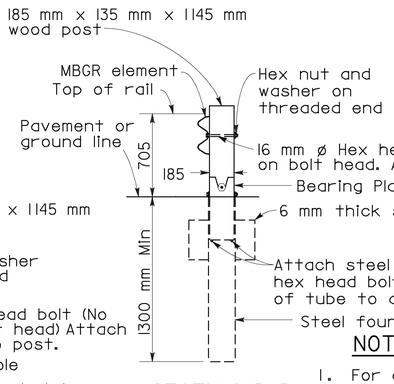
SECTION A-A



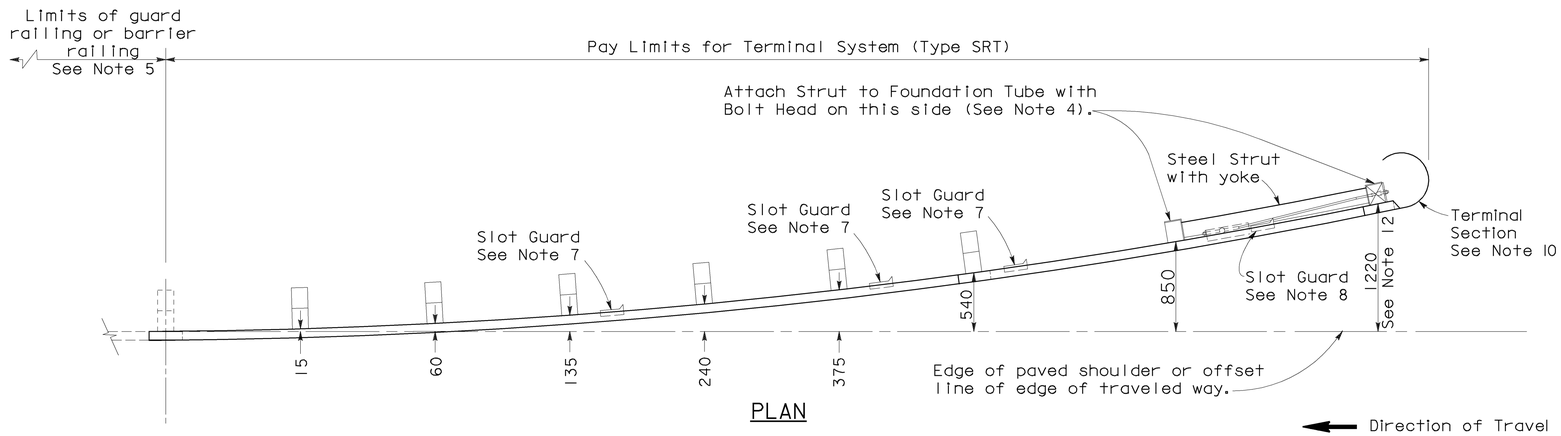
SECTION B-B



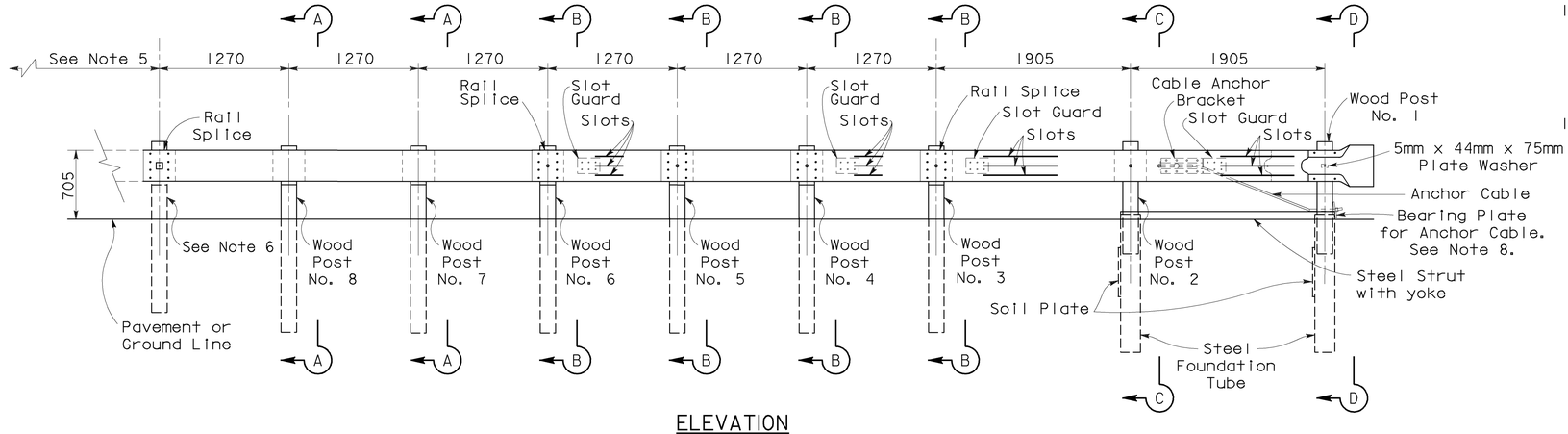
SECTION C-C



SECTION D-D
(Terminal Section not shown)



PLAN



ELEVATION

TERMINAL SYSTEM (TYPE SRT)

(8 Post System)
See Note 9

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

October 26, 2000
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Roy A. Peterson — No. C47715 — Exp. 12-31-03 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated _____

NOTES:

1. For additional details of Terminal System (Type SRT), refer to the manufacturer's installation instructions.
2. The post offset dimensions are given to the center of the traffic face of the block, except at the first two posts, where the dimension is to the center of the traffic face of the post. Offset points are to be located by chord measurements at the back of the rail equal to the nominal post spacings shown. Posts are to be set approximately radial to the railing at each post location.
3. Do not attach rail elements to posts 7 and 8.
4. Attach strut to Post Nos. 1 and 2 foundation tubes with 16 mm ø hex head bolts, washers and hex nuts. Bolts extend through the strut, steel foundation tube, and wood posts.
5. For the length and type of guard railing or barrier the terminal system is attached to, see the Project Plans. For minimum length of guard railing used with terminal system end treatments, see Standard Plans A77D and A77E.
6. Attach rail element to this post and block. Payment for this post, block and hardware is included in payment for the type of railing or barrier the terminal system is attached to, not part of payment for Terminal System (Type SRT).
7. The deflector angle of the slot guard is to be positioned immediatley downstream of the slots.
8. For bearing plate orientation, refer to the manufacturer's installation instructions.
9. Terminal system (Type SRT) is a flared end treatment for guard railing or single faced barrier railing. See Type 1A and 1B Layouts on Standard Plan A77D and Type 8A Layout on Standard Plan A77E for typical use of this terminal system with guard railing. See Standard Plan A78E for typical use of this terminal system with single thrie beam barrier.
10. A complete wrap around terminal section may continued to be used in existing installations. New installations shall be constructed with the ¾ wrap terminal section shown.
11. A 1830 mm length steel foundation tube, TS 203 x 152 x 4.8, without a soil plate, may be furnished and installed in place of the 1375 mm length steel foundation tube and soil plate shown. Minimum embedment of the 1830 mm length tube shall be 1760 mm. A 16 mm ø hex head bolt and nut shall be installed in the hole in 1830 mm length tube to keep the wood post from dropping into the tube.
12. Where site conditions will not accommodate use of the standard 1220 mm system end offset, 1070 mm or 915 mm system end offsets, as applicable, may be used. See Table A for post offset dimensions for 1070 mm and 915 mm system end offsets.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING AND SINGLE FACED BARRIER RAILING TERMINAL SYSTEM END TREATMENTS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP A77L DATED OCTOBER 26, 2000 SUPERSEDES STANDARD PLAN A77L DATED JULY 1, 1999-PAGE 52 OF THE STANDARD PLANS BOOK DATED JULY 1999.

REVISED STANDARD PLAN RSP A77L

1999 REVISED STD. PLAN RSP A77L